

NHL-NP-46 Sequence Listing  
SEQUENCE LISTING

<110> Fuertes-Lopez, Laura  
Timon-Jimenez, Marcos

<120> DNA EXPRESSION CONSTRUCT FOR TREATMENT OF INFECTIONS WITH  
LEISHMANIASIS

<130> NHL-NP-46

<150> DE 101 48 732.0  
<151> 2001-10-02

<150> DE 101 56 679.4  
<151> 2001-11-12

<150> PCT/DE02/03799  
<151> 2002-10-02

<160> 9

<170> PatentIn version 3.2

<210> 1  
<211> 4791  
<212> DNA  
<213> Plasmid pScp36

<220>  
<221> misc\_feature  
<222> (1939)..(1045)  
<223> Kanamycin resistance, reverse complementary

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<221> promoter  
<222> (2447)..(3243)  
<223> CMV

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<221> Intron  
<222> (3250)..(3386)

<220>  
<221> misc\_feature  
<222> (3393)..(4331)  
<223> p36 protein

<220>  
<221> polyA\_site  
<222> (4338)..(4539)  
<223> poly A site aus SV 40

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aacatgtctc gggaggcctc acgtgacatg tgagcaaaaag gccagcaaaa ggccaggaac 180  
cgtaaaaagg ccgcgttgct ggcgtttttc cataggctcc gccccctga cgagcatcac 240  
aaaaatcgac gctcaagtca gaggtggcga aacccgacag gactataaag ataccaggcg 300

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gaaaactcac gttaagggat tttggtcatg agattatcaa aaaggatctt cacctagatc	900
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 aggtttttta aagcaagtaa aacctctaca aatgtggtag aattcagggg gagaccaat 4560  
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<210> 2  
 <211> 11  
 <212> PRT  
 <213> Human immunodeficiency virus type 1, TAT peptide

<400> 2  
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<210> 3  
 <211> 7  
 <212> PRT  
 <213> Simian virus 40, NLS peptide

<400> 3  
 Pro Lys Lys Lys Arg Lys Val  
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<210> 4  
 <211> 20  
 <212> DNA  
 <213> ODN 1

<220>  
 <221> modified\_base  
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 <223> xT = Thymin modified with a reactive amino group

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20

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<212> DNA  
<213> ODN 2

<400> 5  
aggggtccag ttttctggac 20

<210> 6  
<211> 33  
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<210> 7  
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<210> 9  
<211> 33  
<212> DNA  
<213> 2. PCR: Primer right

<400> 9  
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